

Abstract

A fuel battery in which a gas communication passage wide in relation to the thickness of the unit cell is provided and sufficient gas can be supplied to a generating section even if the fuel battery is made thin. A spacer (5) and a separator (4) are stacked. The spacer (5) has a vent step groove (53a) where gas passes and a fitting step groove (53b) closed by the separator (4). The step grooves are formed between a containing opening (50) disposed in the center and containing a generating section (3) and vent holes (52) constituting manifolds (6a to 6d). The separator (4) has a projecting section (44) projecting toward the fitting step groove (53b) and disposed between a gas supply section (40) opposed to the generating section (3) and vent holes (43) constituting the manifolds (6a to 6d). The separator (4) further has a communication groove (45) communicating with the projecting section along the vent holes (43) and the gas supply section (40). The vent step groove (53a) is connected to the communication groove (45). Therefore, a gas communication passage (11) for communication between the manifolds (6a to 6d) and the gas supply section (40) is defined.